

**EXPEDITED PROCEDURE EXAMINING GROUP: 1743**

Docket: 14505.01

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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First Named Inventor:	Matthew P. Dugas	
Appln. No.:	10/685,289	Confirmation No.: 9823
Filing Date:	October 14, 2003	Examiner: Samuel P. Siefke
Title:	<b>SOLID STATE MEMBRANE CHANNEL DEVICE FOR THE MEASUREMENT AND CHARACTERIZATION OF ATOMIC AND MOLECULAR SIZED SAMPLES (DNA RAIL GUN)</b>	Group Art Unit: 1743

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**AMENDMENT AFTER FINAL  
(UNDER 37 CFR 1.116)**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Final Office Action of May 9, 2007, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.